

## EAST Search History

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| S339  | 518885 | @pd>"20061204"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 08:34 |
| S340  | 2063   | ((523/160) or (523/161)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/09 08:34 |
| S341  | 70     | S339 and S340  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 08:34 |
| S342  | 2640   | ((523/200) or (523/205) or (106/31.27)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/09 08:34 |
| S343  | 69     | S339 and S342  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 08:34 |
| S344  | 29913  | colored near5 (polymer or resin)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:29 |
| S345  | 975    | dye near10 (encapsulat\$5 or microencapsulat\$5 or entrap\$5 or enclos\$4 or envelop\$4) near10 (polymer or resin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:29 |
| S346  | 43603  | core near5 shell   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:29 |

## EAST Search History

|          |        |   |   |    |    |                  |
|----------|--------|---|---|----|----|------------------|
| S34<br>7 | 19802  | (reactive or polymeriz\$5) near5<br>(emulsifier or surfactant or surface adj<br>active) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:29 |
| S34<br>8 | 6955   | (latemul or adeka or aquaron or<br>reasoap or aqualon)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:36 |
| S34<br>9 | 8      | (S341 S343) and (S344 S345 S346)<br>and (S347 S348)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:12 |
| S35<br>0 | 0      | (S341 S343) and zetasizer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:39 |
| S35<br>1 | 194729 | (maximum or peak) near5 (diameter<br>or size)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:37 |
| S35<br>2 | 0      | (S341 S343) and (S344 S345 S346)<br>and S351  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:39 |
| S35<br>3 | 0      | (S341 S343) and S351 and (S347<br>S348)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:40 |
| S35<br>4 | 10     | S339 and peak adj particle adj<br>diameter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:22 |

## EAST Search History

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S35<br>5 | 149  | S339 and (S344 S345 S346) and (S347 S348)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:44 |
| S35<br>6 | 46   | S339 and zetasizer  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:54 |
| S35<br>7 | 199  | S339 and (S344 S345 S346) and S351  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:57 |
| S35<br>8 | 72   | S339 and S351 and (S347 S348)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:58 |
| S35<br>9 | 15   | S339 and (maximum or peak) with particle adj (size or diameter) with distribution adj curve | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:32 |
| S36<br>0 | 35   | S355 and S351   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:41 |
| S36<br>1 | 35   | S357 and S358   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 08:57 |
| S36<br>2 | 3349 | (reactive or polymeriz\$5) adj (emulsifier or surfactant or surface adj active)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:12 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S36<br>3 | 726 | (S344 S345 S346) and (S362 S348)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:56 |
| S36<br>4 | 408 | S363 and dye   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:13 |
| S36<br>5 | 2   | S364 and peak adj particle adj<br>diameter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:34 |
| S36<br>6 | 3   | S364 and (maximum or peak) with<br>particle adj (size or diameter) with<br>distribution adj curve              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:34 |
| S36<br>7 | 8   | S364 and (maximum or peak) with<br>particle adj (size or diameter) and<br>volume adj average                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:35 |
| S36<br>8 | 3   | S364 and (maximum or peak) with<br>particle adj (size or diameter) with<br>distribution adj curve              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:35 |
| S36<br>9 | 2   | S364 and peak with volume adj<br>average with particle near5 (size or<br>diameter) with distribution adj curve | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:35 |
| S37<br>0 | 2   | S364 and peak with volume adj<br>average with (size or diameter) with<br>distribution adj curve                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:35 |

## EAST Search History

|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S37<br>1 | 1506 | (S344 S345 S346) and (S347 S348) and dye   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:45 |
| S37<br>2 | 8    | S371 and peak adj particle adj diameter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:41 |
| S37<br>3 | 10   | S371 and (maximum or peak) with particle adj (size or diameter) with distribution adj curve              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:41 |
| S37<br>4 | 62   | S371 and (maximum or peak) with particle adj (size or diameter) and volume adj average                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:41 |
| S37<br>5 | 10   | S371 and (maximum or peak) with particle adj (size or diameter) with distribution adj curve              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:41 |
| S37<br>6 | 2    | S371 and peak with volume adj average with particle near5 (size or diameter) with distribution adj curve | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:42 |
| S37<br>7 | 2    | S371 and peak with volume adj average with (size or diameter) with distribution adj curve                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:42 |
| S37<br>8 | 174  | colored near5 (particle or microparticle) and (S362 S348)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:56 |

## EAST Search History

|      |   |  |   |    |    |                  |
|------|---|--|---|----|----|------------------|
| S379 | 2 | S378 and peak adj particle adj diameter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:58 |
| S380 | 2 | S378 and (maximum or peak) with particle adj (size or diameter) with distribution adj curve              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:58 |
| S381 | 2 | S378 and (maximum or peak) with particle adj (size or diameter) and volume adj average                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:58 |
| S382 | 2 | S378 and (maximum or peak) with particle adj (size or diameter) with distribution adj curve              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:27 |
| S383 | 2 | S378 and peak with volume adj average with particle near5 (size or diameter) with distribution adj curve | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:57 |
| S384 | 2 | S378 and peak with volume adj average with (size or diameter) with distribution adj curve                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:59 |
| S385 | 3 | (S362 S348) and peak adj particle adj diameter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:59 |
| S386 | 6 | (S362 S348) and (maximum or peak) with particle adj (size or diameter) with distribution adj curve       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 09:59 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S38<br>7 | 10 | (S362 S348) and (maximum or peak) with particle adj (size or diameter) and volume adj average      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 11:30 |
| S38<br>8 | 6  | (S362 S348) and (maximum or peak) with particle adj (size or diameter) with distribution adj curve | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 10:00 |
| S38<br>9 | 6  | (S362 S348) and (maximum or peak) with particle adj (size or diameter) with distribution adj curve | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 10:01 |
| S39<br>0 | 2  | (S362 S348) and peak with volume adj average with (size or diameter) with distribution adj curve   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 10:01 |
| S39<br>1 | 2  | ("20050131081").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/09 10:01 |
| S39<br>2 | 2  | ("20040063810").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/09 10:06 |
| S39<br>3 | 2  | ("7144944").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/09 10:25 |
| S39<br>4 | 1  | S393 and dye   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 10:28 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S39<br>5 | 2    | ("5898043").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/09 10:28 |
| S39<br>6 | 1    | S395 and dye  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 10:28 |
| S39<br>7 | 2066 | S346 and (S347 S348)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 11:03 |
| S39<br>8 | 1128 | S397 and dye  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 11:03 |
| S39<br>9 | 42   | S398 and (maximum or peak) with<br>particle adj (size or diameter) and<br>volume adj average  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 11:04 |
| S40<br>0 | 0    | S399 not S374   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 11:04 |
| S40<br>1 | 25   | ((("6746115") or ("7132464") or<br>("7090903") or ("5753017") or<br>("6825247") or ("6777463") or<br>("7037957") or ("7201793") or<br>("6733113") or ("7011701") or<br>("7132464") or ("6746115") or<br>("7053136") or ("20050043435") or<br>("20030055115")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/09 11:26 |
| S40<br>2 | 0    | S401 and peak   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 11:26 |

## EAST Search History

|          |        |  |   |    |    |                  |
|----------|--------|--|---|----|----|------------------|
| S40<br>3 | 1      | S401 and (S362 S348)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:26 |
| S40<br>4 | 0      | S401 and (maximum or peak) near5<br>(size or diameter)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:27 |
| S40<br>5 | 46106  | (dyed or colored) near5 (polymer or<br>resin or particle or micropartilce)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:37 |
| S40<br>6 | 8549   | dye near10 (encapsulat\$5 or<br>microencapsulat\$5 or entrap\$5 or<br>enclos\$4 or envelop\$4 or cover\$3 or<br>coat\$3) near10 (polymer or resin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:37 |
| S40<br>7 | 43603  | core near5 shell   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:37 |
| S40<br>8 | 19802  | (reactive or polymeriz\$5) near5<br>(emulsifier or surfactant or surface adj<br>active)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:38 |
| S40<br>9 | 194729 | (maximum or peak) near5 (size or<br>diameter)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:38 |
| S41<br>0 | 1      | ((S405 S406 S407) and S408 and<br>S409).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:37 |

## EAST Search History

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S41<br>1 | 7    | (S408 and S409).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:31 |
| S41<br>2 | 4    | (dye and S408 and S409).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:31 |
| S41<br>3 | 76   | ((S405 S406 S407) and S408).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:34 |
| S41<br>4 | 76   | ((S405 S406 S407) and S409).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:36 |
| S41<br>5 | 3349 | (reactive or polymeriz\$5) adj<br>(emulsifier or surfactant or surface adj<br>active) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:34 |
| S41<br>6 | 19   | ((S405 S406 S407) and S415).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:35 |
| S41<br>7 | 1    | S416 and S409   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:36 |
| S41<br>8 | 3    | S414 and S415   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:36 |

## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S41<br>9 | 38  | ((S405 S406 S407) and S408 and (size or diameter)).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 11:37 |
| S43<br>2 | 842 | (523/201).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/09 12:41 |
| S43<br>3 | 182 | S432 and (S347 S348) and (S344 S345 S346)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 12:41 |
| S43<br>4 | 0   | S433 and peak adj particle adj diameter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 12:41 |
| S43<br>5 | 0   | S433 and (maximum or peak) with particle adj (size or diameter) with distribution adj curve              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 12:41 |
| S43<br>6 | 0   | S433 and (maximum or peak) with particle adj (size or diameter) and volume adj average                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 12:41 |
| S43<br>7 | 0   | S433 and (maximum or peak) with particle adj (size or diameter) with distribution adj curve              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 12:41 |
| S43<br>8 | 0   | S433 and peak with volume adj average with particle near5 (size or diameter) with distribution adj curve | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/09 12:42 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S43<br>9 | 0  | S433 and peak with volume adj<br>average with (size or diameter) with<br>distribution adj curve | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:42 |
| S44<br>0 | 7  | S433 and dye and volume adj average<br>near5 (size or diameter)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:45 |
| S44<br>1 | 59 | S433 and dye  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 12:49 |

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| S42 0 | 46339  | (dyed or colored) near5 (polymer or resin or particle or microparticle)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:37 |
| S42 1 | 8549   | dye near10 (encapsulat\$5 or microencapsulat\$5 or entrap\$5 or enclos\$4 or envelop\$4 or cover\$3 or coat\$3) near10 (polymer or resin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:37 |
| S42 2 | 43603  | core near5 shell  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:37 |
| S42 3 | 3349   | (reactive or polymeriz\$5) adj (emulsifier or surfactant or surface adj active)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:38 |
| S42 4 | 194729 | (maximum or peak) near5 (size or diameter)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:46 |
| S42 5 | 1      | ((S420 S421 S422) and S423 and S424).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:44 |
| S42 6 | 0      | ((S420 S421 S422) and S423 and volume adj average near5 (size or diameter)).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:39 |
| S42 7 | 9      | ((S420 S421 S422) and S423 and (size or diameter)).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/09 11:42 |

## EAST Search History

|          |   |  |   |    |    |                  |
|----------|---|--|---|----|----|------------------|
| S42<br>8 | 4 | ((S420 S421 S422) and S423 and (size or diameter) and dye.clm.).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:44 |
| S42<br>9 | 2 | (S423 and S424).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/09 11:44 |